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## Alarming Rise In Computer Attacks In 2005

Published 23rd January 2006

Eventful and Ominous. That's what the year 2005 was for the enterprise security observer. MicroWorld has been keeping a keen global watch on the alarming rise of Information Security attacks on enterprises around the globe last year, while informing the world about the same. Increased onslaughts in 2005, attain greater significance as the year saw the metamorphosis of cyber malice into a highly organized and sophisticated international crime syndicate, where the likes of 'phishing' and 'spamming' have gone through drastic evolution. The recent FBI study released on Jan 18, 2006, which says that almost 90% of US firms experienced computer attacks last year, endorses our view and warns about what the future holds.

87% of the enterprises who took part in the survey, admitted that they had undergone one or the other kind of security attack during the year gone by. Virus, spyware and adware top the list where a significant amount of businesses have also faced systems and data sabotage. The study comprised of a cross-section of more than 2,000 public and private organizations. The FBI report revealed that one third of companies detected port scans of their systems, a method used by attackers to identify vulnerable PCs to sneak in.

A staggering 98% of respondents said they used antivirus software of which nearly

84% still suffered a virus attack in the last 12-months period. This calls for a complete re-evaluation and reflection on the part of enterprises, about the kind of technology and effectiveness of many leading antivirus and security software they use. Most antivirus software work in a reactive way with known virus signatures and hence they fail miserably when it comes to facing newer threats. This is the prime reason behind the breach of information security, despite the steady presence of antivirus software.

Solutions from MicroWorld are different. It's software eScan and MailScan work on MicroWorld Winsock Layer (MWL), the groundbreaking technology that MicroWorld has developed. Strategically placed at the Winsock layer, it ensures that threats are defeated at the gateway itself, so that they won't reach the application level. This way, MicroWorld security is a Real-Time Proactive Defense, placed outside the internal components of the system. Apart from getting updated every hour, MicroWorld Solutions block all programs that looks suspicious in its purpose. With an intelligent and evolved combination of signature and heuristic scanning it defeats threats of the past, present and future.

"Prevention is the name of the game. If you can seal your borders and never let the enemy in, you save the time and resources spent in cure. With MWL, we exhaustively pre-empt the threat in Real-Time even before it takes shape. In other words, it's just about thinking out of the box, literally and figuratively." says Govind Rammurthy, CEO, MicroWorld Technologies.

Concerted efforts are required from Security Solution Providers, ISPs and governmental agencies to contain these surging hazards. However the frontal warriors of this war will be Antivirus and Content Security Software as majority of attackers sneak in through viruses and other malware. Ultimately, it boils down to choosing the best information security software that can proactively and consistently defend your enterprise, while you move on with your business.

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